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(71)Applicant : MITSUBISHI HEAVY IND LTD

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(72)Inventor : HAYASHI YUKIO  
KUDO YOSHIO  
FURUSAWA TAKETOSHI

## (54) CHEMICALLY WASHING METHOD FOR STEEL MEMBER

## (57)Abstract:

PURPOSE: To prevent the corrosion of a steel member due to scale and rust with a single soln. by descaling the member with an org. acid soln. pH-adjusted with an org. acid or an aqueous ammonia and adding a pH adjusting agent, polyphosphate and nitrite to the soln. to carry out rust preventive treatment.

CONSTITUTION: An aqueous soln. of one or more kinds of org. acids selected from citric acid, malic acid, gluconic acid and glycolic acid is adjusted to 3.0W3.5pH with sulfamic acid and/or tartaric acid or an aqueous ammonia, and a steel member is descaled by dipping in the resulting soln. To the soln. are then added one or more among an aqueous ammonia, ethanolamine and hydrazine as a pH adjusting agent, one or more kinds of polyphosphates selected from polyphosphate, ultraphosphate and metaphosphate and nitrite, and rust preventive treatment is carried out with the soln. adjusted to 5W9pH. At this time, the org. acid concn. is also adjusted so as to prevent the precipitation of leached Fe ions.

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(全 5 頁)

⑱ 鉄鋼製部材の化学的洗浄法

工業株式会社長崎研究所内

⑲ 特 願 昭54-149477

⑳ 発 明 者 古沢武敏

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長崎市飽の浦町1番1号三菱重

㉒ 発 明 者 林行男

㉓ 出 願 人 三菱重工業株式会社

長崎市飽の浦町1番1号三菱重

東京都千代田区丸の内2丁目5

工業株式会社長崎研究所内

番1号

㉔ 発 明 者 工藤良夫

㉕ 復代理人 弁理士 内田明

外1名

長崎市飽の浦町1番1号三菱重

明 細 書

1 発明の名称 鉄鋼製部材の化学的洗浄法

食を防止する目的で、あるいは被動液の火カブ  
ラントのボイラその他の鉄鋼製換熱器に対して

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